*	Bird	Nest	STEM	Challenge	-

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PLAN:

What type of bird?

Where would the nest be located?

CHALLENGE:

Design a nest using at least 4 different materials that will fit 3 eggs. It should also hold a marble safely even when you pick up your nest and gently rock it.

Test the materials: which	ch will work in the nest?
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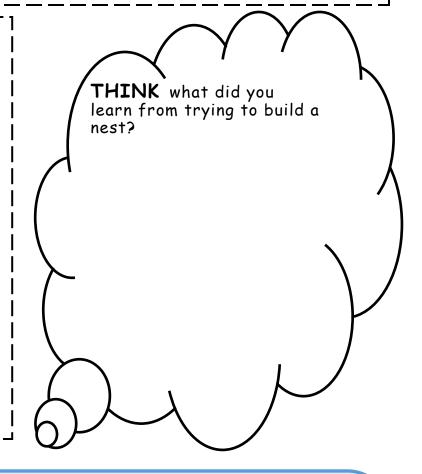
	Stong?	Flexible? (bends)	Fills spaces?	Use in Nest?
Bark				
Dry grass				
Pine needles				
Corn Husks				
Sticks				
Leaves				

Using a sticky material (mud/clay) Yes No Using a soft material inside nest Yes No

CREATE: Build your nest. Did you have to change materials? Why?

TEST		
Test 1: Do eggs fit below nest rim?	Yes	No
Test 2: Does nest hold together when lifted?	Yes	No
Test 3: Does marble stay in nest when rocked?	Yes	No
Optional Test 4: Support weight of 3 chicks and parent	Yes	No

Did you complete the challenge? Are you happy with your design? Does it look like a real bird's nest?



IMPROVE How would you modify your nest if you had more time or materials? Why would this make it better?